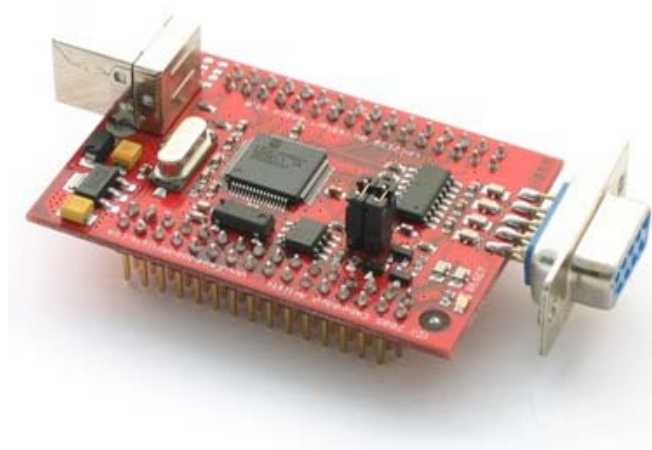



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LPC2148 USB QuickStart Board



Price Information

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LPC2148 USB QuickStart Board

<i>Processor</i>	<u>NXP's ARM7TDMI LPC2148</u> with integrated USB 2.0 device.
<i>Program Flash</i>	512 KB
<i>Data Memory</i>	32+8 KB
<i>Clock Crystals</i>	• 12.0000 MHz crystal for maximum execution speed (5x PLL = 60 Mhz CPU clock) • 32.768kHz RTC crystal
<i>Dimensions</i>	59 x 39.5 mm
<i>Power</i>	On-board low-dropout voltage and reset generation • Generates +3.3V from a +5V supply • +3.3V available for external circuits, up to 300 mA • Power supply: 5 VDC • or via USB connector (very practical since no external power supply is needed)
<i>Connectors</i>	• Dual 2x16 pins I/O connectors • Signals available on expansion connector • RS232, DSUB-9 (ESD/EMI protected) • USB connector (USB 2.0 Device)
<i>Other</i>	• 2 Kbit I2C E2PROM for storing non-volatile parameters • Simple and automatic program download (ISP) via serial channel. Circuit that automatically controls the bootloader from RS232 channel • Four layer PCB (FR-4 material) for best noise immunity • Both UART #0 and #1 connected